

# INTERNATIONAL SEARCH REPORT

International application No  
PCT/DE2006/000638

## A. CLASSIFICATION OF SUBJECT MATTER

INV. H05H1/42 C23C4/12 B05B7/22

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H05H C23C B05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 41 35 326 C1 (SIEMENS AG, MÜNCHEN, DE) 9 June 1993 (1993-06-09) the whole document	1-26
X	WO 02/085532 A (INNOVATIVE TECHNOLOGY, INC) 31 October 2002 (2002-10-31)	15,17,19
Y	page 15, line 9 - page 16, line 16 page 31, line 30 - page 32, line 8 pages 35-37; figures 1,6,7	1-26
P,A	WO 2005/069703 A (DR. LAURE PLASMATECHNOLOGIE GMBH; LAURE, STEFAN) 28 July 2005 (2005-07-28) the whole document	1-26

-/-

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

### \* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*8\* document member of the same patent family

Date of the actual completion of the international search

17 August 2006

Date of mailing of the international search report

30/08/2006

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 810 963 A (TOMIOKA ET AL) 22 September 1998 (1998-09-22) column 5, line 52 - column 6, line 32; figures 1,5,9,11,12,15 -----	1-26
A	US 5 902 563 A (PINNEO ET AL) 11 May 1999 (1999-05-11) column 9, line 62 - column 10, line 10; figures 1-5 -----	1-26
A	EP 1 113 711 A (GTV-GESELLSCHAFT FÜR THERMISCHEN VERSCHLEISS-SCHUTZ MBH) 4 July 2001 (2001-07-04) the whole document -----	1-26

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WO 2005069703	A	28-07-2005	NONE	
US 5810963	A	22-09-1998	NONE	
US 5902563	A	11-05-1999	NONE	
EP 1113711	A	04-07-2001	DE 19963904 A1	16-08-2001